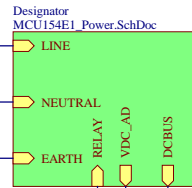


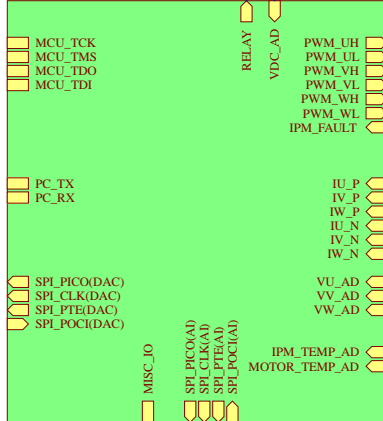
# MOTHER BOARD

AC INPUT

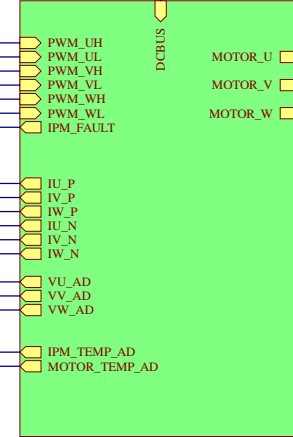


RELAY

Designator  
MCU154E1\_Interface.SchDoc



Designator  
MCU154E1\_IPM.SchDoc



MOTOR OUTPUT



Designator  
MCU154E1\_Hardware.SchDoc

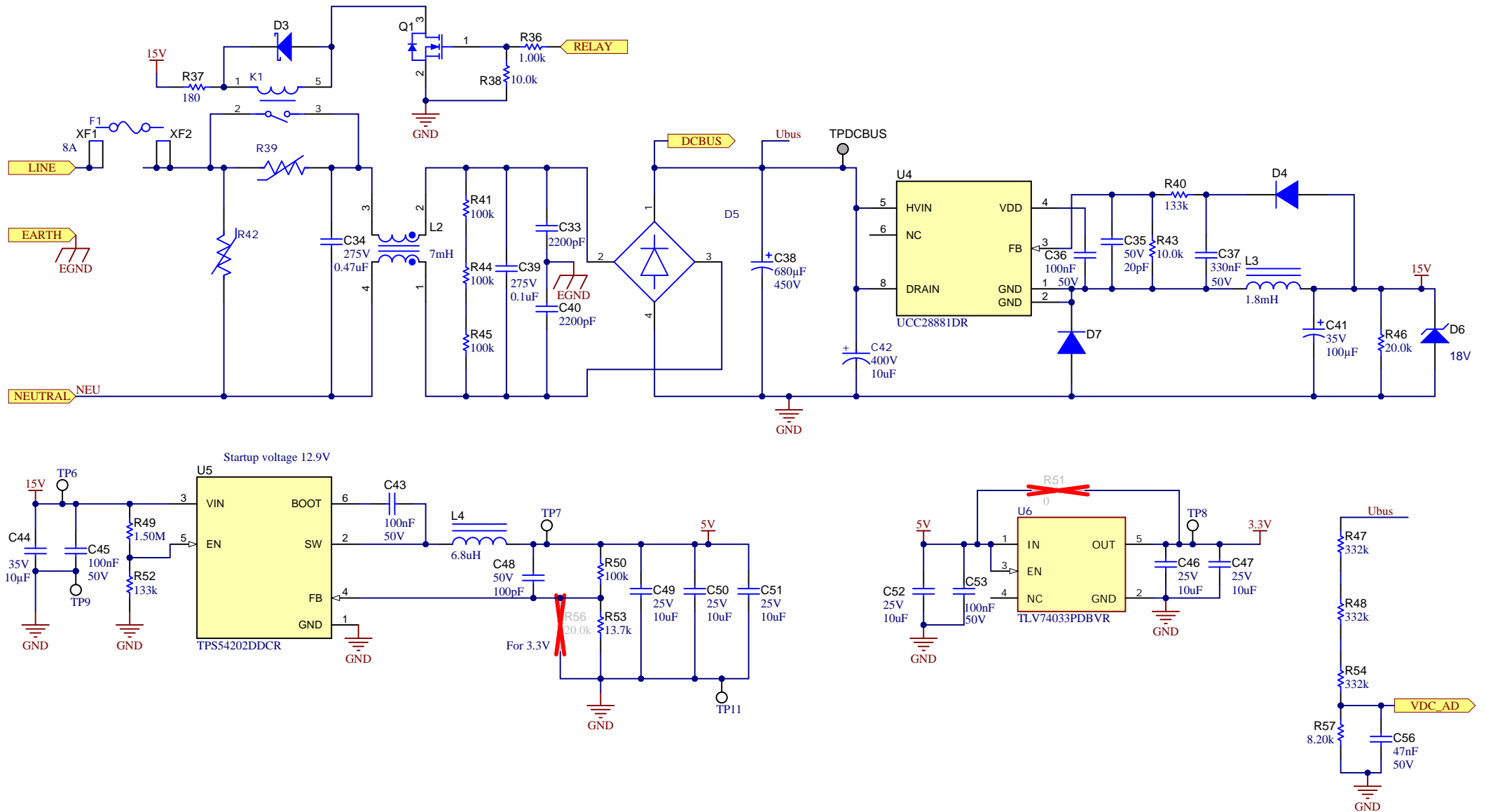


Orderable: TIEVM-MTR-HVIVN	Designed for: Public Release	Mod. Date: 9/30/2024
TID #: TIDA-010265	Project Title: TIEVM-MTR-HVINV	
Number: MCU154	Rev: E1	Sheet Title: Main
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 1 of 5
Drawn By: Hely Zhang	File: MCU154E1_Main.SchDoc	Size: A3
Engineer: Jason Osborn	Contact: <a href="http://www.ti.com/support">http://www.ti.com/support</a>	



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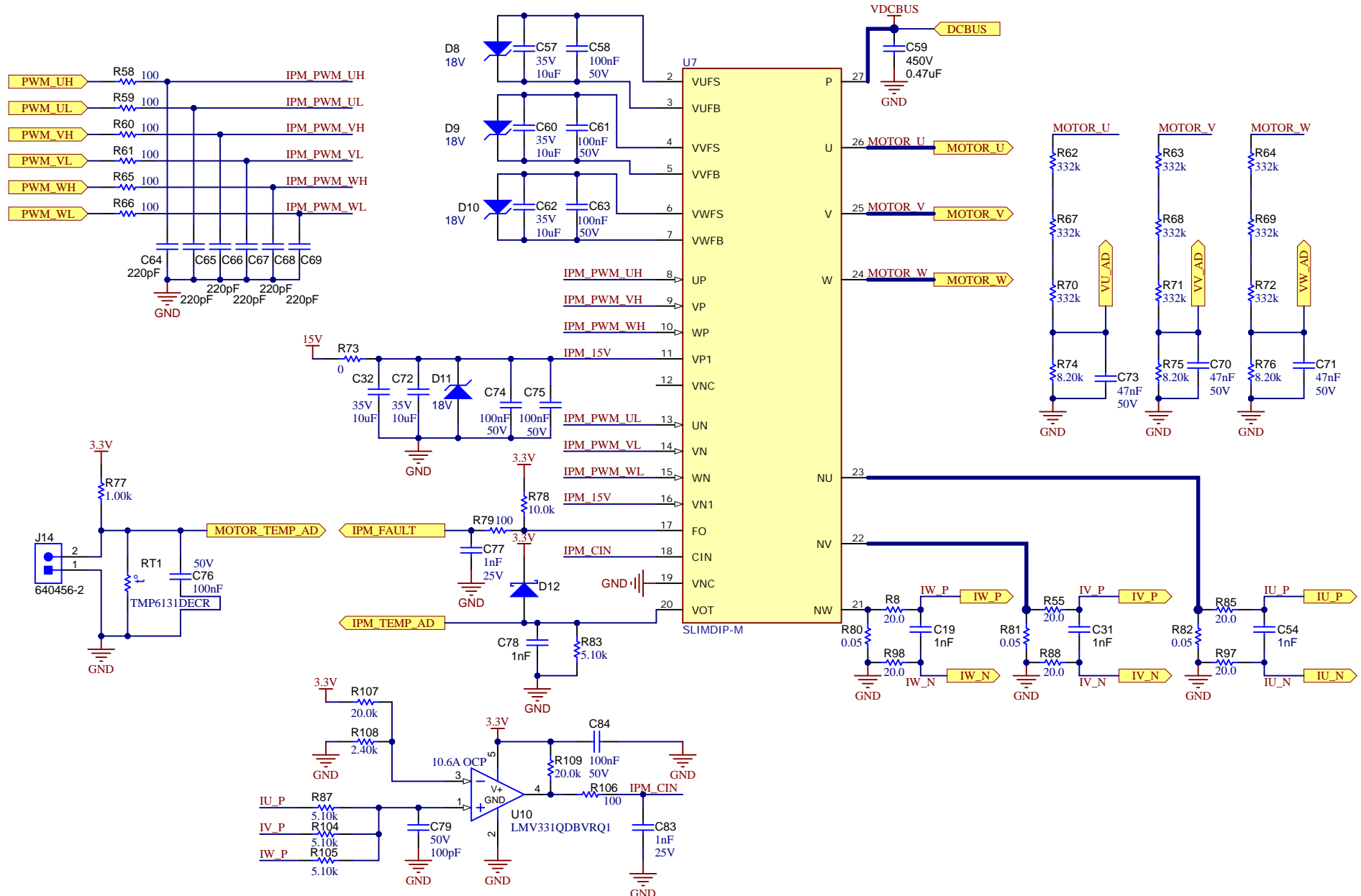
# POWER SUPPLIES



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TID #: <a href="#">TIDA-010265</a>	Project Title: <a href="#">TIEVM-MTR-HVINV</a>	
Number: <a href="#">MCU154</a>	Rev: <a href="#">E1</a>	Sheet Title: <a href="#">Power</a>
SVN Rev: Not in version control	Assembly Variant: <a href="#">001</a>	Sheet: <a href="#">2</a> of <a href="#">5</a>
Drawn By: <a href="#">Hely Zhang</a>	File: <a href="#">MCU154E1_Power.SchDoc</a>	Size: <a href="#">A4</a>
Engineer: <a href="#">Jason Osborn</a>	Contact: <a href="#">http://www.ti.com/support</a>	

# INVERTER STAGE

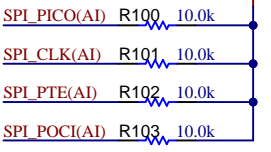
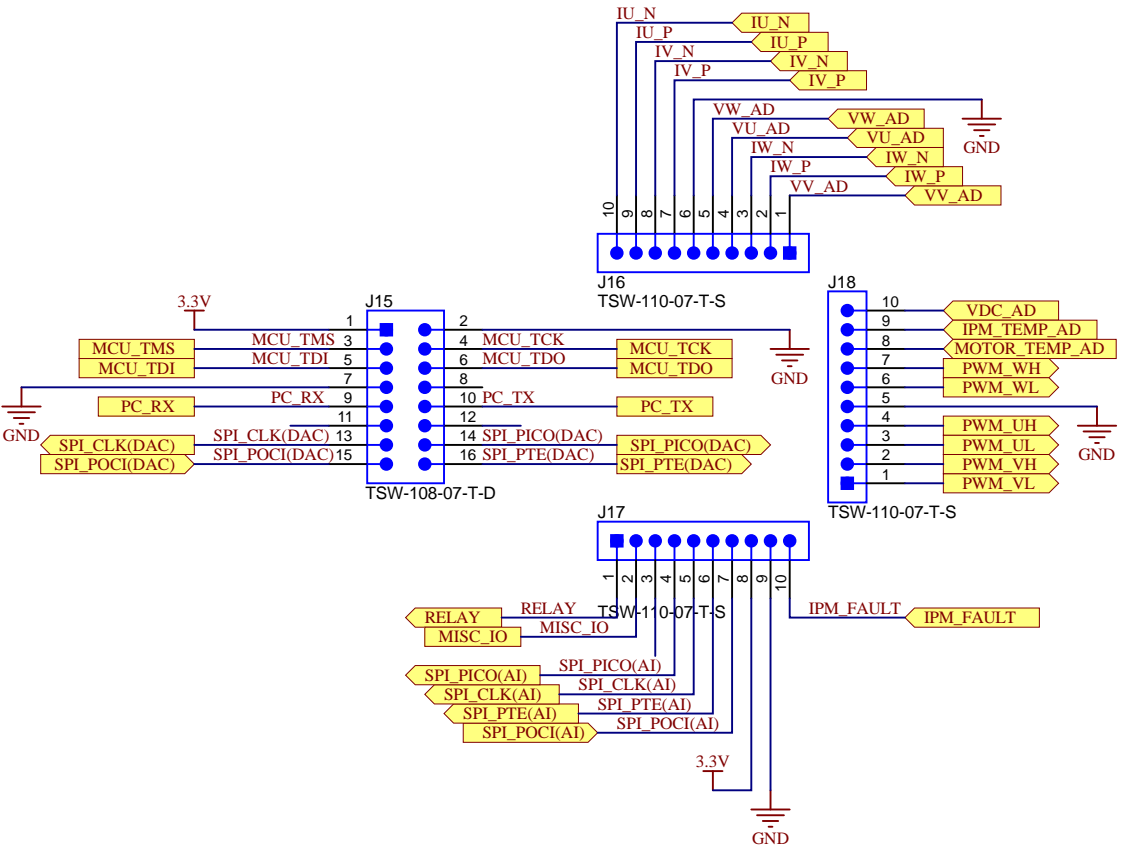


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TID #: TIDA-010265	Project Title: TIEVM-MTR-HVIVN	
Number: MCU154	Rev: E1	Sheet Title: IPM
SVN Rev: Not in version control	Assembly Variant: 001	Sheet: 3 of 5
Drawn By: Hely Zhang	File: MCU154E1_IPM.SchDoc	Size: Letter
Engineer: Jason Osborn	Contact: http://www.ti.com/support	

# INTERFACE

## HALL



Not sure why MCU\_CLK is connected along with TCK

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Orderable: <a href="#">TIEVM-MTR-HVIVN</a>	Designed for: <a href="#">Public Release</a>	Mod. Date: 9/25/2024
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Number: <a href="#">MCU154</a>	Rev: <a href="#">E1</a>	Sheet: <a href="#">4</a> of <a href="#">5</a>
SVN Rev: Not in version control	Assembly Variant: <a href="#">001</a>	Size: <a href="#">A4</a>
Drawn By: <a href="#">Hely Zhang</a>	File: <a href="#">MCU154E1_Interface.SchDoc</a>	
Engineer: <a href="#">Jason Osborn</a>	Contact: <a href="#">http://www.ti.com/support</a>	

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